

AMENDMENTS

In the Claims:

Please amend the following claims:

1. (Twice amended) [A] An isolated homogenous composition of a mammalian [DNA-R] cell surface DNA receptor (DNA-R) or derivative DNA-binding fragment thereof, wherein the DNA-R has having a molecular weight of about 150 kilodaltons determined before any post-translational modifications thereof and an amino acid sequence identified by SEQ ID No.:2.

2. (Twice amended) [A] An isolated homogenous composition of a DNA-binding fragment of a mammalian [DNA-R] cell surface DNA receptor (DNA-R) or derivative thereof having a molecular weight of about 63 kilodaltons determined before any post-translational modifications thereof and an amino acid sequence identified by amino acids 1-575 of SEQ ID No.:2.

3. (Twice amended) [A] An isolated homogenous composition of a soluble mammalian [DNA-R] cell surface DNA receptor (DNA-R) or derivative thereof having a molecular weight of about 145 kilodaltons determined before any post-translational modifications thereof and an amino acid sequence identified by SEQ ID No.:2 wherein amino acids 1133-1171 are deleted therefrom.

4. (Twice amended) [A] An isolated cell membrane preparation comprising a mammalian [DNA-R] cell surface DNA receptor (DNA-R) or derivative DNA-binding fragment thereof, wherein the DNA-R has having a molecular weight of about 150 kilodaltons determined before any post-translational modifications thereof and an amino acid sequence identified by SEQ ID No.:2.

5. (Twice amended) [A] An isolated cell membrane preparation comprising a mammalian [DNA-R] cell surface DNA receptor (DNA-R) or derivative thereof having a molecular weight of about 63 kilodaltons determined before any post-translational

~~modifications thereof and~~ an amino acid sequence identified by amino acids 1-575 of SEQ ID No.:2.

6. (Twice amended) [A] An isolated cell membrane preparation comprising a mammalian [DNA-R] cell surface DNA receptor (DNA-R) ~~or derivative thereof~~ having a ~~molecular weight of about 145 kilodaltons determined before any post translational~~ ~~modifications thereof and~~ an amino acid sequence identified by SEQ ID No.:2 wherein amino acids 1133-1171 are deleted therefrom.